## **CERTIFICATION**

Consumer Confidence Report (CCR)

No. of the control of	· ſ	Hazlehurst	Water System		
			Public Water Supp	ly Name	
		150007			
		List PWS ID #s fo	or all Community Water	Systems incl	uded in this CCR
he Federal Safe I onsumer Confide stem, this CCR n istomers upon rec nail a copy of the	Drinkin ince Re nust be quest. e CCR	ng Water Act (SDV eport (CCR) to its of mailed or delivered Make sure you foll and Certification t	VA) requires each Concustomers each year. It to the customers, public ow the proper proceduo MSDH. Please chec.	nmunity publ Depending or shed in a new ires when dis k all boxes th	ic water system to develop and distribute a name of the population served by the public water spaper of local circulation, or provided to the tributing the CCR. You must mail, fax or at apply.
Customers v	were ii	nformed of availab	ility of CCR by: (Atta	ich copy of l	publication, water bill or other)
		🛮 Advertisement i	n local paper (attach	copy of adve	ertisement)
	I	☑ On water bills (a	attach copy of bill)		
	I	🗆 Email message	(MUST Email the me	ssage to the	address below)
	}	☐ Other			NI N
Date(s) cu	istome	rs were informed:	6 <i>j</i> :21/ 2017	1 1	. / /
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Date Mail	ed/Dis	stributed: 6 / 2	9/2017		
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		6 / 21 / 20			
CCR was po	sted in	n public places. (A	ttach list of locations	)	Date Posted: / /
CCR was po	sted o	n a publicly access	sible internet site at th	e following	address ( <u>DIRECT URL REQUIRED</u> ):
form and manne organion included	er iden I in this	tified above and that CCR is true and co	it I used distribution m	ethods allowed th the water	
Meland	<u> </u>	(12			6-29-2017
ame/Title (Preside	nt, May	or, Owner, etc.)		Date	<i>Y</i> .
		Submis	ssion options ( <i>Select o</i>	ne method O	NLY)
<b>Mail:</b> (U. MSDH, Bu	S. Pos	stal Service) of Public Water Sup	ply	Fax:	(601) 576 - 7800

CCR Deadline to MSDH & Customers by July 1, 2017!

Email: water.reports@msdh.ms.gov

P.O. Box 1700 Jackson, MS 39215

## 2016 Annual Drinking Water Quality Report City of Hazlehurst PWS#:0150007 June 2017

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Catahoula Formation Aquifer.

If you have any questions about this report or concerning your water utility, please contact Jason Hilliard at 601.668.4188. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 6:00 PM at the City Half.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the City of Hazlehurst have received a moderate ranking in terms of susceptibility to contamination.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2016. In cases where monitoring wasn't required in 2016, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Conteminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) — The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) — The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

				TEST RESU	ILTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contam	inants			•			
Inorganic 8. Amenic	Contam	2014*	.6	.56	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
	makenga marana	and the second s	.6	.56	ppm	n/a 2	10	from orchards; runoff from glass

14. Copper	N	2014/16*	.1	0	ppm		1.3 AL=1	.3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride***	N	2014*	1.2	1.19 1.2	ppm		4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2014/16	1	. 0	ppb		0 AL=	15 Corrosion of household plumbing systems, erosion of natural deposits
Disinfectio	п Ву							
82. TTHM [Total trinalomethanes]	N	2014*	1.01	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2016	1,4	1 - 2.2	mg/l	0	MRDL = 4	Water additive used to control microbes

<sup>\*</sup> Most recent sample. No sample required for 2016.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Laboratory offers lead testing. Please contact 601,576,7582 if you wish to have your water tested.

## Monitoring and Reporting of Compliance Data Violations:

During a sanitary survey conducted on 6/21/2016, the Mississippi State Department of Health cited the following significant deficiency(s): inadequate security measures

Corrective Actions: MSDH is currently working with this system to return them to compliance since the expiration of the compliance deadline. We anticipate the system being returned to compliance by 6/30/2017.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the City of Hazlehurst is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride samples results were within the optimal ranger of 0.7 – 1.3 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7 – 1.3 ppm was 83%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotiline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The City of Hazlehurst works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

<sup>\*\*</sup> Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.7 - 1.3 mg/l.

# 2016 Annual Drinking Water Quality Report City of Hazlehurst PWS#.0150007

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to adorm you about the quality water and sendous we deliver to you every day. Our constant goal is to provide you with a safe and dependence supply of drinking water. We want you to understand the interruption because informed challenges are purposed up process upply process. We say committed to providing you with

If you have, any questions shout this report or concerning your water utility, please contact taken trilland at 601 liber at a well out uption to be informed about their water utility. In you want to learn more, please fold us at any of our regularly substitute the day Me want out uplaced the first triangley of the month at 6:00 PM at the City Mail.

The source water essentingly has been completed for our public water system to determine the overall suspentionary of its drinking water supply to familiar to our public water system and a system of succeptibility to comprishing data and succeptibility to comprishing water system and a system for more of succeptibility to comprished.

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		<i>/</i>	**************************************			P-6	100	100	7	2. 10 pm		M
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West are required to marker your driving water for apositic contaminants on a monthly basis. Results of requirer monitoring are an indicator of whether any making samples prior to the and of the consultance period.

If present, several levels, of lead car, cause serious health problems, especially for pregnant women and young children; Laud in drinking water is primarily from materials and components passociated with service lines and home plumbing. Our water system is responsible for providing high quality officially water, but cannot control its, water of materials used in plumbing component. Plum your water has been strong for several hours, you cannot should another the several hours, you may water to have your water several hours, you can take to make your water several hours, you can water for the several hours, you may water to have your water feature, or another or admitted or drinking concooking. If you are taken proposed in a water for drinking control drinking control drinking concooking. If you are of the proposed to the proposed of t

Most recent applies. No sample required for 201d.

\*\* Fluorida total is routinely adjusted to the MS Store Days of Hyalih 2 recommended level of 0.7 - 1.3 mg/l.

As you can see by the table, our present had no violations. We're proud that your drinking water meets or accepts all fractions and State requirements. SAFE at those toward.

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Suris per ballon (ppb) of elicrograms per litary one can per billion corresponds to one minute in 2,000 years, or a simple penny in \$10,000,000.

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\* Most recent sumple. No striple required for 2016.

\*\* Minoride layel is continuity adjusted to the MS State Dept of Beath Precommended layel of 0.7: 1.3 mg/l.

As you'l can see by the toter, our system had no violations. We're proved that your dripking water meets or excepts all Federal and State requirements.

SATE at these layers.

If present standard legals of lead cert cause serious health problems, sepecially for program women and young children it set in drinking water to primarily from majorists and components associated with senior longs and home stumbing. Our water system is responsible for providing high quality and the carried control the receiver of materials used in planning components. When your extendings been atting for several rouns, you can maintain the potential for lead appearant by flushing your can consider the potential for leading spectras by flushing your can be 30 accorded to 2 includes before the study water for antiking or continuing your can be supported about lead in your water, you may seen to have your water together the industry water for antiking or continuing its properties appeared any and about leading methods, and about your can or industry the properties appeared as a support of the Massacopi State Capatinash. Public result Tichoratory offers lead together.

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To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the City of Hazarturas is required to report contain results personning to supplication of our water system. The number of morting in the previous calendar year in which appropriate samples, results using the optimal range of 0.7 - 4.3 point was 11. The percentage of fluorida samples, colocited in the previous calendar year that was within the optimal range of 0.7 - 1.3 point was 63%.

All sources of denking water are subject to potential contemination by substances that are naturally occurring or man made. These substances can be a microses, languable or organic characters and redicactive substances, all disting water including bodied water may resembly be expected to contain information about containing and expected in containing the series of the containing and potential health series on the containing the series of the conta

Some people may be more superable to contaminants in diskind water than the general population, intrinso-compromised porsons such as parents of the period o

The City of Hardahurst works around the clock to provide top quelity water to every tap. We seek that all out consorrains had us protect our water source, which are the beant of our consumity, our way of the and our collidor's future. June 21, 2017

SERVICE FROM SERVICE TO 020048500 05/10 06/10 SERVICE ADDRESS

204 CARLISLE ST

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### RETURN SERVICE REQUESTED

020048500 PARKS & PLAYGROUND

PO BOX 549 HAZLEHURST MS 39083-0549

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